

STARFLEET

KAG

UNITED FEDERATED
PLANETS

On The Horizon

December 2016



DECEMBER 2016

A COMET WILL FLY PAST EARTH ON NEW YEAR'S EVE. NO, IT'S NOT A SIGN OF THE APOCALYPSE.

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If you're looking for an extra dose of fireworks this New Year's Even, look to the skies for the chance to see a comet that only comes around every five years.

The comet — named Comet 45P/Honda-Mrkos-Pajdušáková — is set to appear somewhere near the crescent moon on Dec. 31. It won't be visible to the naked eye, however.

Interested skywatchers will need a set of binoculars or a small telescope to really be able to see the comet in clear skies.

While comets have historically been seen as bad omens, Comet 45P doesn't pose a threat to Earth. The ball of ice and dust will still be millions of miles from the planet when it makes its close flyby this month.

This isn't the comet's first pass of the planet. Comet 45P makes a full orbit of Earth every 5.25 years, allowing scientists to track it.

These "periodic comets" are on predictable paths around the sun and can lend themselves to some good skywatching. (Halley's comet, for instance is also a periodic comet.)



Comet 45P — which like other comets is thought to be a leftover piece of ice and rock from the beginning of the solar system — has been gracing skies for most of December, first appearing on Dec. 15 when it was visible near the star cluster M75.

And the comet isn't the only cosmic sight in the sky on Dec. 31.



IMAGE: NASA

Mars, which has been visible for most of the month, will look like it's right next to the blue/green tinted Neptune even though the two are millions of miles away from each other in reality.

Venus, which can masquerade as a bright star at dawn or dusk, will also be visible in the western sky along with Neptune and Mars on New Year's Eve.

"Through telescopes, rusty red Mars and blue-green Neptune's colors contrast beautifully," [NASA said](#).

December in general is a pretty solid month for skywatching. However, the Geminid meteor shower, usually one of the best annual showers of the year, was washed out by a bright moon this year.

Credit:

Miriam Kramer





Captain's Log

Vice Admiral Eddie Allen III

2016011.24 24 November 2016

Not much special to write about this month but I did sleep at a Holiday Inn Express. The most memorable thing this month was a visit from the Cinco, Mr. Wiley.

Wiley and grandpa spent an entire weekend together and had a great time. We made five events together and the Wiley monster was a hit at all of them.

If you wonder how classy he can be, well, just check out the photo above. He "really" knows how to clean up. Grandpa was nowhere near that kind of cool. I just had on a simple suit.



We went out to eat at 5 different places and he did not destroy any of them. In one case, he was so tired he was not a lot of fun. He was tired but it was not his fault. No Gibbs head slap for him, but rather one for his grandpa. I failed to get him down for a timely nap and he was extremely tired for that meal. That was my oops.

We tried White Castles, Catfish nuggets, and Green Mexican Salsa. All of them were satisfactory. We also had white cream sauce pasta and salad as well as lots of Trix cereal. And let's not forget Rhonda's special juice.





He watched "The Force Awakens" about 8 times after playing with my new BB8. He chose Star Wars over cartoons which made grandpa happy. Otherwise, we went shopping, and hung out a bit. He also helped grandpa clean and do projects. We tried to get him back to St Louis for Thanksgiving but he had other commitments.

This month I joined in several Trek functions with St Louis chapters. Over the last several months I have joined in 5 joint functions. Fun, fun, fun for me.

As a final note, congratulations to Robert Westfall on his becoming the new Commander Starfleet. The Horizon was responsible for about 8% of the first-place votes that he received. In the end, we had about 5.3% of the total 959 votes cast for him. I think that is a substantial amount. Now it is time to help him complete his mission. I will offer up our assistance wherever we can help but I will need the members to pitch in for that to work.

End Log



Korean and Rhonda and Eddie



Halloween and Wiley



Wiley and Rhonda





MySha



Toni and the Lake



Joint dinner, Rhonda and Justin



David and his “glass of soda”

Thanksgiving Dinner



Randy



ON THE HORIZON
DECEMBER 2016





Engineer's Log

Vice Admiral Eddie Allen III

201610.27 24 November 2016



I found this article and figured you guys might find it interesting. This is copied from a NASA page and list the link for it at the bottom. This is a great article and I recommend subscribing to the NASA pages and getting others sent to you.

July 20, 2016

The Science of Star Trek

Is Star Trek really a science show, or just a lot of "gee, whiz" nonsensical sci-fi? Could people really do the fantastic things they did on the original Star Trek: The Original Series and later programs in, or are they all just hi-tech fantasy for people who can't face reality? Will the real world come to resemble the world of unlimited power for people to travel about the galaxy in luxurious, gigantic ships to meet exotic alien beings as equals?



In 1976, NASA's space shuttle Enterprise rolled out of the Palmdale manufacturing facilities and was greeted by NASA officials and cast members from the 'Star Trek' television series. From left to right they are: NASA Administrator Dr. James D. Fletcher; DeForest Kelley, who portrayed Dr. "Bones" McCoy on the series; George Takei (Mr. Sulu); James Doohan (Chief Engineer Montgomery "Scotty" Scott); Nichelle Nichols (Lt. Uhura); Leonard Nimoy (Mr. Spock); series creator Gene Roddenberry; U.S. Rep. Don Fuqua (D-Fla.); and,



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Original producer Gene Roddenberry and the later writers of the show started with science we know and s-t-r-e-t-c-h-e-d it to fit a framework of amazing inventions that support action-filled and entertaining stories. Roddenberry knew some basic astronomy. He knew that space ships unable to go faster than light would take decades to reach the stars, and that would be too boring for a one-hour show per week. So he put warp drives into the show -- propelling ships by distorting the space-time continuum that Einstein conceived. With warp drive the ships could reach far stars in hours or days, and the stories would fit human epic adventures, not stretch out for lifetimes. Roddenberry tried to keep the stars realistically far, yet imagine human beings with the power to reach them. Roddenberry and other writers added magic like the transporter and medical miracles and the holodeck, but they put these in as equipment, as powerful tools built by human engineers in a future of human progress. They uplifted our vision of what might be possible, and that's one reason the shows have been so popular.

The writers of the show are not scientists, so they do sometimes get science details wrong. For instance, there was an episode of Star Trek: The Next Generation in which Dr. Crusher and Mr. LaForge were forced to let all of the air escape from the part of the ship they were in, so that a fire would be extinguished. The doctor recommended holding one's breath to maintain consciousness as long as possible in the vacuum, until the air was restored. But as underwater scuba divers know, the lungs would rupture and very likely kill anyone who held his breath during such a large decompression. The lungs can't take that much pressure, so people can only survive in a vacuum if they don't try to hold their breath.

I could name other similar mistakes. I'm a physicist, and many of my colleagues watch Star Trek. A few of them imagine some hypothetical, perfectly accurate science fiction TV series, and discredit Star Trek because of some list of science errors or impossible events in particular episodes. This is unfair. They will watch Shakespeare without a complaint, and his plays wouldn't pass the same rigorous test. Accurate science is seldom exciting and spectacular enough to base a weekly adventure TV show upon. Generally Star Trek is pretty intelligently written and more faithful to science than any other science fiction series ever shown on television. Star Trek also attracts and excites generations of viewers about advanced science and engineering, and it's almost the only show that depicts scientists and engineers positively, as role models. So let's forgive the show for an occasional misconception in the service of an epic adventure.

So, what are the features of Star Trek that a person interested in science can enjoy without guilt, and what features rightly tick off those persnickety critics? Well, many of the star systems mentioned on the show, such as Wolf 359, really do exist. Usually, though, the writers just make them up. There also have been some beautiful special effects pictures of binary stars and solar flares which were astronomically accurate and instructive. The best accuracy and worst stumbles can be found among the features of the show that have become constant through all of the episodes. Here's a list of the standard Star Trek features, roughly in order of increasing scientific incredibility.

Communicators

Like Star Trek communicators, cell phones are ubiquitous now, to an annoying extent, and images and videos made with them are now collected and exchanged obsessively. Landing parties in past Star Trek shows only gave verbal reports, and did not send back images and videos, as today's people would.

The ship's computer

Today's computers entertain us with video games and movie special effects that are awesomely more spectacular than the special effects in the original Star Trek show. Computers also search databases for data about US, mining data to find criminals and terrorists. Mobile computers on rovers explore Mars and deep space for us. .





Computers today are capable of rendering crude holodeck-like virtual realities, and they enable us to do computer-aided design with great impact on architecture and industry. Supercomputers have advanced the state of the art of modeling weather and climate. In 400 more years - the time when Star Trek: The Next Generation is set - it is reasonable to expect many of the abilities of computers in Star Trek to really be achieved. (Interestingly, the Internet was not predicted by Star Trek visionaries, who remained focused on large, isolated computers.)

Matter-Antimatter Generation

This is one of the best scientific features of Star Trek. The mixing of matter and antimatter is almost certainly the most efficient kind of power source that a starship could use, and the way it's described is reasonably correct -the antimatter (frozen anti-hydrogen) is handled with magnetic fields, and never allowed to touch normal matter, or KA-BOOM! This much is real physics. Let's not bother about the dilithium crystals part . . . sorry, but that's just imaginary.

Antimatter has been created recently in microscopic quantities and is being studied to advance physics knowledge. But it isn't possible yet to produce amounts of antimatter that would be useful for fuel or power generation.

Impulse Engines

These are rocket engines based on the fusion reaction. We don't have the technology for them yet - they are far ahead of our present chemical-fueled rockets - but they are within the bounds of real, possible future engineering.

Some Star Trek episodes also mentioned ion drive. In recent decades, Russian, U.S., European, and Japanese spacecraft have used ion drive engines, known as Hall thrusters. They are much more efficient than the usual chemical rockets and have been capable of propelling probes to asteroids and comets in our solar system.

Androids

An important research organization for robotics is the American Association for Artificial Intelligence. At a conference on cybernetics several years ago, the president of the association was asked what is the ultimate goal of his field of technology. He replied, "Lieutenant Commander Data." Creating Star Trek's Mr. Data would be a historic feat of cybernetics, and it's very controversial in computer science whether it can be done.

Maybe a self-aware computer can be put into a human-sized body and convinced to live sociably with us and our limitations. That's a long way ahead of our computer technology, but maybe not impossible.

By the way, Mr. Data's "positronic" brain circuits are named for the circuits that Dr. Isaac Asimov imagined for his fictional robots. Our doctors can use positrons to make images of our brains or other organs, but there's no reason to expect that positrons could make especially good artificial brains. Positrons are antimatter! Dr. Asimov just made up a sophisticated-sounding prop, which he never expected people to take literally.

Today there are many kinds of toy robots and remote-controlled machines. However, no artificial minds have been created. The ways that thoughts are encoded and transmitted within the human brain remain only crudely understood, preventing real telepathy from being developed. However, simple brain-to-machine commands can be transmitted, enabling impaired or paralyzed people to control prostheses and machines. Much more complex brain-machine interfaces are in the works.





Alien Beings

The NASA Kepler spacecraft and other astronomical research programs have discovered more than [3,300 planets, as well as nearly 2,500 candidates](#) that need confirmation of the observations. Planets are common in our Galaxy, just as the creators of Star Trek believed. There are clear signs that life potentially has numerous home sites in the galaxy. Yet despite much searching, no radio or light transmissions from intelligent civilizations elsewhere in the cosmos have been identified.

Now that we understand biochemistry a little, most scientists now agree that life probably exists in other solar systems. The chemical elements for carbon-based life like the lifeforms on Earth are common in the universe, so maybe lifeforms like ourselves are numerous in the galaxy. We can imagine all kinds of intelligent creatures, with any number of arms, legs, eyes, or antennae - maybe a lot smarter than we are. It seems doubtful that humanoid shapes would be as common as the alien races on the Star Trek shows, but we have to allow the show some concessions to the shapes of available actors. Could half-human/half-alien hybrids ever exist, like Mr. Spock? It seems almost impossible, but with recombinant DNA, our scientists have already created interspecies hybrids. Mr. Spock is not totally beyond biochemical reality, but definitely at the edge.

Sensors and Tricorders

We have vibration sensors, sonar, radar, laser ranging, various kinds of light wavelength detectors and energetic particle detectors, and gravimeters. We also do a little three-dimensional imaging of the interiors of solid objects, like the human body, with magnetic fields and radioactivity detectors. The sensors and tricorders on Star Trek are quite different and more revealing as plot devices than anything we have. But with a stretch of the imagination, the tricorder scan could have today's magnetic resonance imager as its ancestor. The Enterprise's sensors must use the more advanced (and imaginary) "subspace fields," when it detects far-away objects in space, because the crew never has to wait for signals to travel to a target at the speed of light and return. Not all of the sensors on the show are possible.

Here on Earth, the LIGO observatory has detected gravitational waves, enabling scientists to study direct observations of faraway colliding stars that had become black holes long ago. The patterns of waves confirm Albert Einstein's gravity theory (the "general" theory of relativity). This is currently the most awesome kind of sensor in modern technology.

Deflector shields, tractor beams and artificial gravity

We know how to deflect electrically charged objects using electromagnetic fields, and there are concepts for protecting space travelers from cosmic radiation this way. That's the only physics trick we know that resembles the powerful special effects of the Enterprise's shields. We can also make big magnets that have some respectable attraction, and with the right electronic circuits regulating the strength of the magnets, we can imagine towing some kinds of metal objects through space. A beam that is projected at something to attract it is purely imaginary.

Artificial gravity is not about to provide the normal environment of weight that the Enterprise crew experience. Specially designed magnetic fields could do a similar, weaker job, but they would play havoc with metal equipment. Try a web search for "levitating frog" to see how it's done, but it's not a feasible, safe substitute for gravity.

We don't have any way to create artificial gravity. Generating artificial graviton particles is imaginable, but there's no way to say how it might be done.





Cloaking devices

Crude cloaking devices have been developed today, but they consist of cumbersome layers of *metamaterials* that only hide tiny objects from visibility in a limited range of colors. (Metamaterials are made of arrays of tiny electronic devices that combine to produce odd optical properties unlike the usual reflecting and refracting in glass that we are used to.) New varieties of metamaterials undoubtedly will produce new, strange effects, but they don't seem capable of providing complete invisibility.

Subspace communications

Mathematicians discovered the concept of a subspace within a space continuum decades ago, and science fiction writers appropriated the term to serve their needs for a super-advanced way to reach other points in space, time or "other" universes. The concept is alive in physics today, in theories that our space-time may have eleven or more dimensions - three space dimensions and time, plus seven more that are "curled up" within a tiny subatomic size scale, where they conveniently explain mysteries of the forces of physics. But Star Trek uses its own unrelated version of subspace, with signals that can travel as fast as the fastest starship. This is just a convenient notion to get messages to Star Fleet and back by the end of a TV show, with no realistic physics behind it.

Phaser

According to the Star Trek: The Next Generation Technical Manual, phasers are named for PHASed Energy Rectification. They are really just spectacular energy blasters, with no detailed physics explanation. The original concept was that they were the next technological improvement upon LASERS. To the extent that they differ from LASERS, they are just fanciful props, descended from generations of blasters in science fiction of decades past. Today the army has phaser-like stun weapons, which use microwaves to cause extreme discomfort to skin. LASER weapons are in development and have advanced in capabilities.

Healing rays

Star Trek's Dr. Crusher shines a healing ray on her wounded patients and the skin or bone heals immediately. That's just a magical medical miracle of the imaginary 24th century. Surgeons today do work with lasers to cauterize or seal some tissues, and repair detached retinas. Some dentists use them, too. There is actually a form of adhesive that can stick human cells together like glue and synthetic skin for temporarily protecting wounds. But the body's own healing is usually as fast as any other method. On the other hand, there is some evidence that weak electric currents can accelerate healing of bones, so something similar to Dr. Crusher's procedure - but not instantaneous - may become possible some day.

Replicator

Today, we know how to create microchip circuits and experimental nanometer-scale objects by "drawing" them on a surface with a beam of atoms. We can also suspend single atoms or small numbers of atoms within a trap made of electromagnetic fields, and experiment on them. That's as close as the replicator is to reality. Making solid matter from a pattern, as the replicator appears to do, is pretty far beyond present physics. Replication of simple structures can be performed today via a technology like multi-layer photo-copying that creates solid objects by building up many layers of hardened fluid. That's not a palatable substitute for an instant cup of "Tea, Earl Grey, hot."





Transporter

We don't have a clue about how to really build a device like the transporter. It uses a beam that is radiated from point A to point B where it STOPS at just the right precise place - even passing through some barriers along the way - and reconstructs the person it carries on the spot. Or it captures a person's pattern, dematerializing him or her, and brings the person to some other point. All of the rematerialized atoms and molecules are somehow in the precisely correct positions, with the right temperatures and adhering together just as if the transportee had not been dematerialized. Rematerializing, why doesn't everything fall to pieces if a gust of wind or just normal gravity disturb the reappearing atoms? Nothing in the physics of today gives a hint about how that might be possible. Arthur C. Clarke's Third Law says, "Any sufficiently advanced technology is indistinguishable from magic." But we can't assume every magical feat could be accomplished, given sufficiently advanced technology.

Today, small numbers of atoms and photons have been teleported. The principal use of this trick will be in quantum computer development, which has the potential to solve extremely complex mathematical problems extremely fast.

The Star Trek transporter wasn't used much for one of its greatest powers: space battles, when the transporter would be devastatingly effective at removing patches of the hull of an enemy starship. Maybe that's too easy to fit the show's plots.

Holodeck

Clarke's Third Law applies to this one, too. Holograms are images that appear to have three-dimensional structure. We can't yet imagine a way to assemble matter in the same way as the light in a hologram. We only have some relatively crude virtual reality environments today.

It's interesting that in the original Star Trek show, virtual reality was outlawed. Virtual reality invented by advanced aliens (Talosians) destroyed Talosian society by addicting them to endless fantasies. The United Federation of Planets enforced the death penalty on anyone who even *visited* the Talosians. But in Star Trek: The Next Generation, virtual reality on the [holodeck](#) was treated as a vital form of recreation, and was installed on every large starship to entertain the crew.

Universal language translator

As this is used on the Star Trek shows, it's just an automagical device to enable characters to get through the stories. It would be too tedious and repetitious in a one-hour show for the characters to overcome real language barriers in a realistic manner in every show. The way the Enterprise crew can encounter an alien spacecraft, "hail them on standard frequencies," and establish instant telecommunications on their viewscreens is a preposterous shortcut to keep the plot from faltering. We can certainly dismiss the possibility of such an invention ever being built.

Warp Interstellar Drive

This must be the crowning achievement of Federation technology. Despite its fundamental role in the show's plot, it violates known physics to an extent that can't be defended. The detailed explanation of the warp field effect in the ST: TNG Technical Manual only raises more questions than it resolves. It is said to involve huge discharges of energy and subspace fields that aren't understood in today's science. However, barring a very unlikely demolition of Einstein's theory by revolutionary discoveries in quantum physics, warp drive can't exist. Physicists of today understand the space-time continuum rather well, and there is very good reason to think that no object can move faster than the speed of light. This





Wormhole Interstellar travel and time travel

These are questionable consequences of some mathematical models for extremely bizarre, artificial arrangements of titanic super-massive objects - untested imaginary models where Einstein's relativity theory is stretched to its ultimate limits. We don't have any evidence that Einstein's theory is valid in these theoretical cases, and the arrangements of these giant spinning masses don't occur in nature.

No progress on time travel has occurred to date.

So, the bottom line is: Star Trek science is an entertaining combination of real science, imaginary science gathered from lots of earlier stories, and stuff the writers make up week-by-week to give each new episode novelty. The real science is an effort to be faithful to humanity's greatest achievements, and the fanciful science is the playing field for a game that expands the mind as it entertains. The Star Trek series are the only science fiction series crafted with such respect for real science and intelligent writing. That's why it's the only science fiction series that many scientists watch regularly . . . like me.

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NASA Goddard Space Flight Center
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This article: [https://www.nasa.gov/topics/technology/features/
star_trek.html](https://www.nasa.gov/topics/technology/features/star_trek.html)





Engineer's Black Market Store

Newly Released Trek and Star Wars Merchandise

Vice Admiral Eddie Allen III

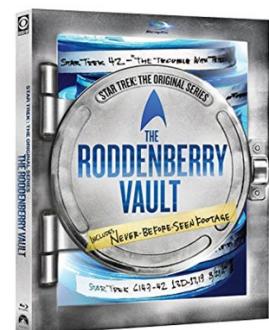
November 2016



ThinkGeek Her Universe Trek Collection: <http://www.thinkgeek.com/star-trek-her-universe>



Roddenberry Vault Blu-Ray Details: <https://www.amazon.com/Star-Trek-Original-Roddenberry-Blu-ray/dp/B01LFUORW0>



Trek Holiday ugly sweater: <http://www.startrek.com/article/tos-holiday-ugly-sweater-ready-to-beam-up>



The Coop Trek merchandise: <http://thecoopshop.com/collections/star-trek>

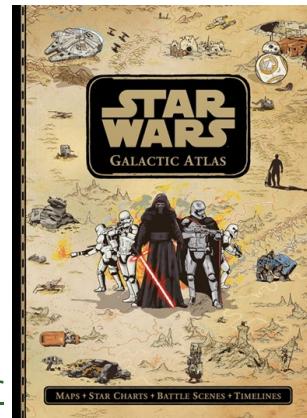


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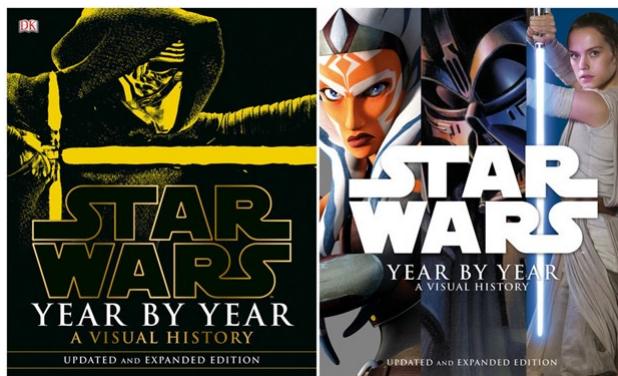


More Trek Shopping

Star Wars Galactic Atlas: http://starwars.wikia.com/wiki/Star_Wars:_Galactic_Atlas



Year by Year of SW: <https://thecantina.starwarsnewsnet.com/index.php?threads/jelenas-review-of-star-wars-year-by-year-a-visual-history.10653/>



Force Awakens 3D set: <http://www.blu-ray.com/movies/Star-Wars-Episode-VII-The-Force-Awakens-3D-Blu-ray/64238/>



Hasbro SW Collection for Christmas: <http://www.hasbro.com/en-us/brands/starwars>



AND A FEW CHRISTMAS SITES

Star Trek http://shop.startrek.com/top-10/index.php?v=startrek_gift-guide_top-10



UGLY Christmas shirts <http://www.cafepress.com/+star-trek-christmas+gifts>



Flight Log

Commander Rhonda Allen

201612.01 01 December 2016

Merry Christmas to me. I've decided to get my article started early this month and not have to have Eddie remind me for the umpteenth time that I'm running out of time. Also,

because I'm starting to think about New Year's resolutions, this falls into one of my 2017 resolutions....No Procrastinations!!!

As I write this, I'm buckled do into my seat on my flight to Newark, New Jersey. I received a special invitation to attend the company Christmas party. It evidently is an all day affair with lots of food, fun ,open bar and dancing. When I woke this morning it was dancing 20 degrees. Weather in New Jersey is in the 30's, I'm already off to a good start, although I do not like flying in these little , shall I say "puddle jumpers." I'm definitely goin to need a drink later. I met some nice ladies while standing in the TSA line, they were on their way back to Kentucky. Their mother commented that she should have purchased a Chicago jersey, to that I told her that those were fight words when spoken in St. Louis.

Christmas trees are up and just about all decorations along with the house are complete. We added another tree to the collection as Eddie didn't know that he had accidentally purchased a half tree to replace the Star Trek/Star Wars/Guy tree. This old never hold the amount of ornaments that adorn that tree. We are trying to decide if I will continue to purchas the entire Star Trek/Star Wars assortment going forward. I spoke renewing my book challenge last month. The first book for 2017 will be Gray. For those of you who are fans of the 50 Shades series, this is Christians side of the story. In case you didn't know they are ready to release the second movie. I'm laughing right now, as I know that none of you are interested in that last little tid bit of information, so I guess you probably don't care that there is possibly another information, so Sex and the City movie in the works too.

This leads me to my second resolution of doing more things that I want to do or getting back to the old hobbies. Me time, being selfish, call it what you will. Ther's something to be said for carving out time for what puts a smile on my or your face and makes you happy.





Flight Log

Commander Rhonda Allen

forward 2 days, and I am now on my way home from New Jersey. It was the Christmas party to top all parties. The morning started with a continental breakfast, and an awards ceremony for 5 year anniversaries all the way to 45 years. This was followed by a fashion show, where we were treated to a preview of the upcoming collections. NO PHOTOGRAPHY ALLOWED!!! A cocktail hour with open bar and a great selection of signature drinks, along with at least 10 different food stations. I was working my way towards a food coma. We were all summoned by the chiming of the bells to work our way to the huge ball room. I must get a chandelier, they were just beautiful. Anyway, one lucky person at each table won a \$30 Visa gift card if you were the one sitting in the correct chair. Darn, that wasn't me. Lots of dancing ensued, and let me tell you, even the big wigs were doing salsa, and the popular slides. If you brave enough to hit the floor, you received a flashing ring. Yes, I got the ring, I quickly sent a picture to Eddie to show him my new "bling."

What came next was almost too much to handle. Dinner was brought out on tiered stands, followed by more dancing, and then the peddled ice cream cart and specialty coffee bar came out. Finally it was time to give out prizes on the tickets that were passed out. The first number called was lose but not cigar. The next 7 numbers were even farther off. Tired of waiting for her number to be called, my co-worker decided to go get a cappuccino. What do you think happened next...My number was called!!!! I won a \$300 Visa gift card!!!! If wondering what the prizes were there were flat screen TVs, iPads, those Alexa/Google things you talk to,, gift cards, and that's all I can remember. By the time they came out with dessert I was calling "Uncle" and all I could handle was a cup of coffee. So, like I said this was an ultimate Christmas party, and I can't wait to go next year.
Merry Christmas to me.

End Log





Member News for November

David continues to look for another job. He had an interview for a job with the Columbia Police Department but missed being hired by only a couple of points on the interview scale. The biggest problem was that he had not been through the academy for his P.O.S.T. certification. I had a good report from my surgeon and do not have to go back to see him until February. So now it is just the physical therapy to see how far I can get back to normal.

Cindy is still looking for full time employment but will stay with Penney's through the holiday's.

Eddie, Rick and I are planning to attend the 25th anniversary party for the ISS Katana in Kansas City, KS in December. It will also be the inaugural ball for our new Commander Star Fleet, Robert Westfall. I am told that Rhonda will not be joining us as her employer, Wacoal, will be flying her to New York for the company Christmas party on that day.

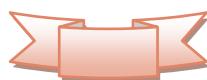
XO's Log

November 2016

November passed and moved into December for me. My sorority sisters kept Rick and I fed through the month by bringing meals to us twice a week. God love those ladies. Since I was still not able to ride far in the car we stayed home for Thanksgiving and one of my sisters brought a Thanksgiving meal to us. David and Daneille joined us and we spent a quiet evening at home.

Since the Occupational Therapy and Physical Therapy people did not like the way I was getting into the shower (I was getting in backwards) Rick and I finally decided to get the walk-in shower we had been talking about for the last couple of years. Bath Fitters came in the day before Thanksgiving and started at 8 a.m. and was done by 1:30 with the mess cleaned up and everything. Mike A and Mike B, the installers, were the nicest guys and during the final process they had me come in and sit in the show and help the place the hand holds for personalization of the shower for us. I am so glad we did not go with buying the one from Menards and then having to find an installer.

After the installation I had to wait 24 hours before I could use it. Before dinner on Thanksgiving I had my first shower. It was glorious. David went in to inspect the shower and came out rather green with envy. The shower in his apartment is closet size.





Trek News - November 2016

TrekYards Podcast # 25, Nov 13: <https://www.youtube.com/watch?v=M5BBIrRiumw>

Mission Log Podcast # 211: <http://www.missionlogpodcast.com>
 Online: Fleets is out on Xbox One and PS4: http://www.gamasutra.com/view/pressreleases/285797/STAR_TREK_ONLINE_FLEETS_RELEASES_ON_XBOX_ONEPLATATIONreg4.php

Axanar Update: <http://fanfilmfactor.com/2016/11/17/both-parties-file-motions-for-summary-judgment-in-the-axanar-lawsuit/>

Shatner essays auctioned off: <http://13thdimension.com/shatner-essays-to-be-auctioned-off/>

JJ Abrams will produce London play: <http://www.hollywoodreporter.com/news/jj-abrams-make-broadway-producing-debut-play-goes-wrong-946992>

Crowd funded Trek sued by Dr Seuss: <http://arstechnica.com/tech-policy/2016/11/dr-seuss-creator-sues-over-star-trek-mashup-book/>

Star Trek Podcast # 29, Nov 16: <http://www.startrek.com/podcasts>

Takei on election results: <http://www.newnownext.com/george-takei-election/11/2016/>

Idris Elba in Five by Five: <http://deadline.com/2016/11/idris-elba-bbc-three-green-door-pictures-five-by-five-london-1201852784/>

Christopher Lloyd on Big Bang: <http://variety.com/2016/tv/news/christopher-lloyd-big-bang-theory-guest-star-1201913939/>

ST Family support Yelchin Photo exhibit: <http://www.eonline.com/news/807489/chris-pine-and-the-star-trek-family-come-together-to-support-anton-yelchin-s-photo-exhibit>

Star Trek Podcast # 28, Nov 8: <http://www.startrek.com/podcasts>



Star Trek News (Cont.)

Karl Urban joins Entry Level: <http://www.comingsoon.net/movies/news/783373-karl-urban-joins-the-action-thriller-entry-level>

Amazon Kindle book deals include Trek titles: <http://ebookfriendly.com/kindle-book-deals-guide/>

Don Marshall passed away: <http://www.lipstickalley.com/showthread.php/1102129-The-Galileo-Seven-amp-Star-Trek-alum-Don-Marshall-Passes>

Trek crossover comic next April, Aliens: <http://www.ign.com/articles/2016/10/28/star-trek-the-next-generation-aliens-crossover-comic-announced>

Discovery tidbits: <http://www.digitalspy.com/tv/star-trek-discovery/feature/a795431/star-trek-tv-show-2017-cast-characters-continues-series-tv-series/>

Star Trek Podcast # 27, Nov 1: <http://www.startrek.com/podcasts>

Upcoming IDW Comics: <https://www.idwpublishing.com>

New Visions 4

Boldly Go 4

Waypoint 3

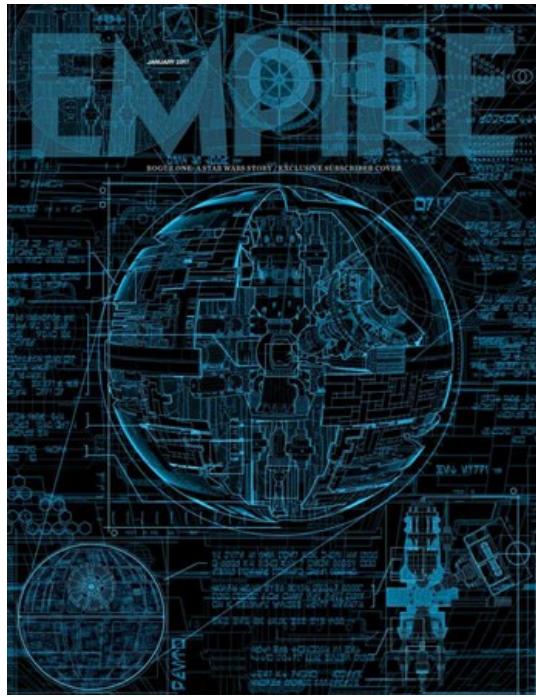
ST/Green Lantern 2 #2

New Visions: Sam

Boldly Go 5

ST/Green Lantern 2 #3





Star Wars News

November 2016

Spoilers!!!!

20 Minutes of Rogue was shown at an event in Mexico City, the details from the novie: <http://www.jedinews.co.uk/conventions-events/articles/rogue-one-presentation-mexico-city/> (The details are below for this article)

Rogue One new TV spot: <https://www.youtube.com/watch?v=652g00LRKb0&feature=youtu.be>

Collider Jedi Council, Nov 23: <https://www.youtube.com/watch?v=oGNwGAJ-WIY&index=2&list=PLayt6616lBcnqEWU6U0D8I95SUiqVU3DR>

The Star Wars Show, Nov 23: <https://www.youtube.com/watch?v=Vft8DTmCNlc&index=1&list=PL148kCvXk8pBjG-JOhIU6rWzLyA2O2an>

Lucas Film's Future for Star Wars: <http://www.geeksofdoom.com/2016/11/22/star-wars-saga-spinoffs-future>

Future List of known SW movies: <http://www.cinemablend.com/new/Upcoming-Star-Wars-Movies-List-Titles-Release-Dates-100467.html>

Lucas input to Rogue One: <http://www.inquisitr.com/3727199/rogue-one-will-feature-input-from-star-wars-creator-george-lucas/>



Star Wars Continued

ROGUE ONE world premiere is Dec 10th. St Louis date is still Dec 16th.

Millennium Falcon build movie from 1979; <http://www.bbc.com/news/uk-wales-south-west-wales-38031540>

Collider Jedi Council, Nov 19: <https://www.youtube.com/watch?v=9bd1eJD8dWY&list=PLayt6616lBcnqEWU6U0D8I95SUiqVU3DR&index=3>

SW Weekly Buzz: <http://www.starwarsnewsnet.com/2016/11/weekly-buzz-hope-remains-for-making-of-the-force-awakens-book-rogue-one-cast-on-their-favorite-star-wars-character-and-more.html>

The Resistance Podcast #47, Nov 17: <http://www.starwarsnewsnet.com/2016/11/the-resistance-broadcast-episode-47-rogue-one-trailers-spots-and-speculation-still-no-tickets-rebels-and-more.html>

Rogue One Featurette: <https://www.youtube.com/watch?v=L6sG8V96o1g>

Collider Jedi Council, Nov 17 (second post): <https://www.youtube.com/watch?v=k0YTbYdooWM&list=PLayt6616lBcnqEWU6U0D8I95SUiqVU3DR&index=4>

The Can (on) tina Chatter Ep 4, Nov 16: <http://www.starwarsnewsnet.com/2016/11/the-canontina-chatter-episode-4-darth-vader-comic-run-ends-comic-mini-series-between-a-new-hope-and-the-empire-strikes-back.html>

Rogue One 360 experience debut: <http://screenrant.com/star-wars-rogue-one-360-virtual-reality/>

Darth Maul comic coming: <http://www.usatoday.com/story/life/movies/2016/11/14/exclusive-star-wars-darth-maul-comic-book/93789660/>

SFX Rogue One edition: <http://www.gamesradar.com/sfx-magazine-new-issue/>

SW Catalyst exert: <http://www.ew.com/article/2016/11/11/read-excerpt-rogue-one-prequel-novel-catalyst>

Rogue One International spot: <http://www.comingsoon.net/movies/trailers/785245-new-rogue-one-international-trailer-and-tv-spot/#slide/1>

SW Weekly Buzz: <http://www.starwarsnewsnet.com/2016/11/star-wars-weekly-buzz-the-cover-for-the-rogue-one-novel-revealed-pablo-hidalgo-talks-kyber-crystals-and-more.html>





Star Wars Continued

The Star Wars Show, Nov 16: https://www.youtube.com/watch?v=58etvPH_1aw&index=2&list=PL148kCvXk8pBjG-JOhIU6rWzLyA2O2an

Collider Jedi Council, Nov 10: <https://www.youtube.com/watch?v=eVKZHRIQgSw&list=PLayt6616IBcnqEWU6U0D8I95SUiqVU3DR&index=7>

The Star Wars Show, Nov 9: <https://www.youtube.com/watch?v=qxwxIUV7n3Y&index=3&list=PL148kCvXk8pBjG-JOhIU6rWzLyA2O2an>

Nice Link to Star Wars Rebels clips: <https://www.youtube.com/playlist?list=PL148kCvXk8pCkKkUpZa3rVJ2GI6P39Pmf>

Rogue One behind the scenes photos:



SW Battlefront sequel: <http://www.polygon.com/2016/5/10/11653464/star-wars-battlefront-sequel-2017-ea-dice-visceral-respawn>

Weekly Buzz: <http://www.starwarsnewsnet.com/2016/11/star-wars-weekly-buzz-new-rebels-clip-d23-magazine-to-have-an-inside-look-at-rogue-one-and-more.html>

Collider Jedi Council, Nov 5: <https://www.youtube.com/watch?v=qooF68uKXf8&list=PLayt6616IBcnqEWU6U0D8I95SUiqVU3DR&index=8>

Rogue One special look on Thanksgiving eve: <http://dorksideoftheforce.com/2016/11/21/abc-air-special-look-rogue-one-thanksgiving-night-november-24/>

SW Rogue One may not have opening crawl: <http://www.slashfilm.com/no-rogue-one-opening-crawl/>

Light Saber video (How to build one): <https://www.youtube.com/watch?v=W7lmlzJJGEA>

Hasbro Christmas collection: <http://www.hasbro.com/en-us/brands/starwars>





More Star Wars News

Collider Jedi Council, Nov 3: <https://www.youtube.com/watch?v=b6Wmvqx4cDs&list=PLayt6616lBcnqEWU6U0D8l95SUiqVU3DR&index=9>

The Star Wars Show, Nov 2: <https://www.youtube.com/watch?v=cF4ao8g9An8&index=4&list=PL148kCvXk8pBjG-JOhIU6rWzLyA2O2an>

K2S0 Droid from Rogue One: <http://moviepilot.com/posts/3963862>

The Resistance Podcast # 46, Nov 1: <http://www.starwarsnewsnet.com/2016/11/the-resistance-broadcast-episode-46-donald-glover-is-lando-calrissian-a-talk-on-reys-parentage-joss-whedon-michael-giacchino-and-more.html>

Kanjiklub Sandwiches: http://starwarsfoodie.tumblr.com/post/152631296232/make-kanjiklub-sandwiches-inspired-by-the-outer?is_related_post=1

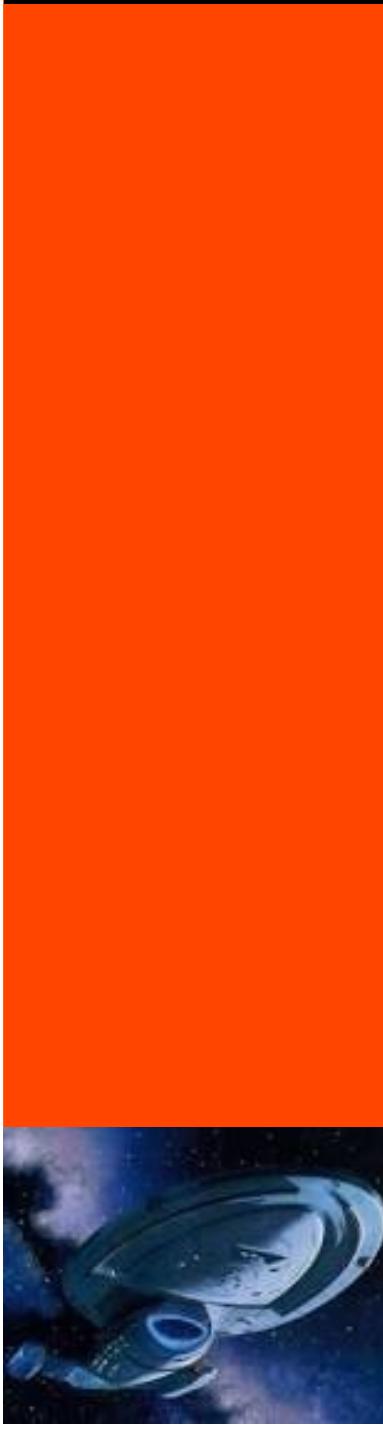
Wookie Information: <http://www.starwars.com/news/the-playlist-wookiees>

Rogue One coins from New Zealand: <http://www.themainstreetmouse.com/2016/10/20/star-wars-rogue-one-coins-from-new-zealand-mint/>

Bradford Young talks Han Solo movie: <http://screenrant.com/han-solo-movie-cinematographer-interview-break-rules/>

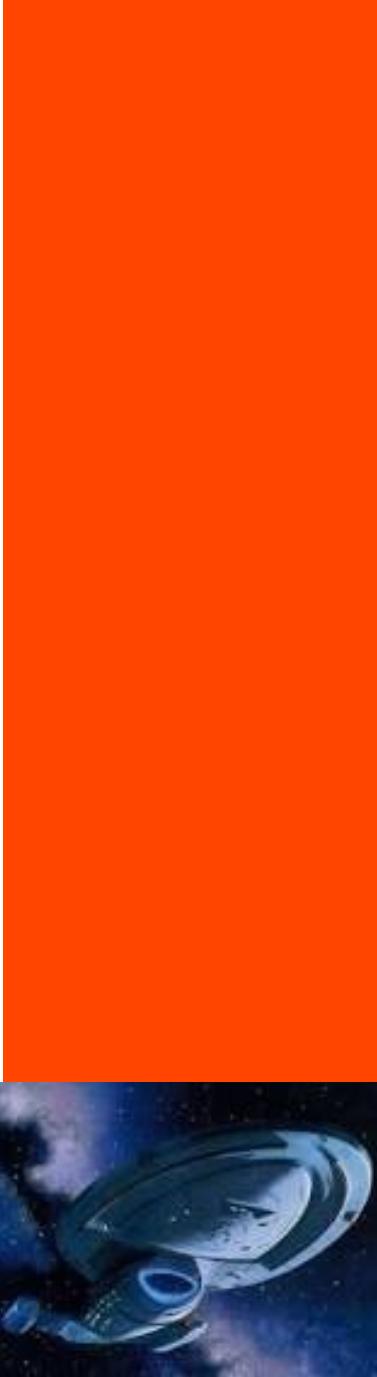
SW Rebels videos Details Revealed in Mexico City:

Hello Jedi News! So I was very fortunate to be part of the crowd who watched the first 25 minutes and a couple of other scenes from the new film Rogue One at the Mexico City Presentation and Fan Event. Diego Luna, Felicity Jones and director Gareth Edwards were all in attendance and prior to the screening we were able to ask questions to the cast and director. They talked about how they prepared physically and emotionally to be part of this huge project, the impact Star Wars has had in their lives and about their excitement for fans to see their work. Gareth also hinted that Vader's cameo in the film is very small, but that's about it. The people who got to ask questions were all given Star Wars toys and figures (me included, got a Scarif Trooper figure). They also showed us several trailers but nothing we haven't seen so far. Now, here's what they showed us from the actual film... (No major spoilers, but I am gonna try to go in detail about



the format of the film and the beginning of the movie). The movie starts with the “a long time ago...” screen and then we go straight to space and Krennic’s ship flying through some rings (kind of like Saturn’s). It’s beautiful. Next we see Jyn Erso’s family in a rush trying to escape before the Empire ship arrives. They know they’re on their way to capture them. They pack all their stuff and Jyn and her mom escape while her dad goes to confront Krennic. Jyn’s mom gives her a necklace and tells her that the Force will protect her or something along those lines. She tells her to hide in their secret place and little Jyn runs for her life. Back to Krennic, he says to Jyn’s father that they want him to work for them since it’s important for the galaxy’s safety and he refuses. He tells them his wife is dead (obviously not true) and he doesn’t want to do it. At that moment Jyn’s mom comes back with a hidden gun and tries to shoot Krennic and she gets shot. Krennic only gets his shoulder wounded. Jyn’s dad is captured and taken to the ship while Krennic orders the Death Troopers to search for the girl. Jyn hides in a tiny bunker and waits for them to leave. Suddenly, the bunker door opens and it’s Saw Gerrera. He rescues little Jyn Erso. End of scene. ROGUE ONE title (SW font, but it’s hollow) with new (very beautiful) theme music. We also watched a battle scene where Jyn rescues a little girl from explosions and hands her to her mom, Chirrut kills all the troopers with his blind ninja skills and then Baze saves his ass when the troopers outnumber him. Something I found interesting is that they mention the Whills and how Chirrut is one of them or something like that (can’t remember exactly what they said, but they are mentioned when Jyn asks Cassian about Chirrut) Also K-2SO is pretty funny in the couple of scenes we saw. There was also a scene were Cassian is introduced where he is trying to escape from troopers in this huge city (very reminiscent of the prequel films). They also showed the scene where Jyn is rescued from some sort of prison by the rebels commanded by Cassian and they tell her that they need her help to contact Saw Gererra. Bail Organa makes a brief appearance here. Again, they showed us several clips from different parts of the film but no major plot point scenes were shown. It looks very different from what we are used to, but yet somehow it still feels like Star Wars. There is no crawl, no transition wipes, there is new music, every time we go to a new planet we get the location in the corner of the screen in a new font, and a couple of other changes made to the format. Also, Jyn’s character is actually a lot more likeable than I expected and it’s very different from Rey’s. While Rey’s character is very naïve and very girl-next door, Jyn is a very smart, tough girl who has endured so much and it shows. She has this IDGAF attitude and a very strong personality but at the same time she has a good heart. Loved the footage we got to see and I can’t wait for the film. I’m sure SW fans will love it as much as I did.

This article was first reported on Jedi News UK. Read more at <http://www.jedinews.co.uk/conventions-events/articles/rogue-one-presentation-mexico-city/>



USS Horizon Ship's Log – November 2016

New Commandant of SFMC: Jari James
FORCECOM:

9th OIC: Thomas Sigmundsson

2nd OIC: Douglas Reagan

HUGE DISCUSSION: About the election and whether Robert Westfall got a majority based on IRV voting.

Linda Olson was so busy that she was unable to do the Fleet numbers for a couple of weeks.

SFA Fall Newsletter: <http://acad.sfi.org/news/newsletter1003.pdf>

New Shakedown Chapters:

USS Appalachia, 2nd Fleet, Blue Ridge, GA, Mothership is USS Dejah Thoris

USS Raven, 20th Fleet, Hadleigh, UK, Mothership is USS Cu-chulain

USS Appleton, 20th Fleet, Bradford, UK, Mothership is USS Merlin

USS Coyote, 4th Fleet, Sierra Vista, AZ, Mothership is USS Leonidas

USS Loki, 7th Fleet, Gettysburg, PA, USS Hecate mothership

New Shuttles:

Tamriel, 11th Fleet, Melbourne, Australilia, Mothership is USS Yarra

Damascus, 11th Fleet, Mothership is USS Tydirium

IC2017: No hotel yet and still up in the air. New Orleans is the same but everything else may change.

FYI: There was a prolonged outage of the sfi.org website in early November.

R2 RC is Ryan Case

R17 RC is Bran Stimpson

SFI Sciences newsletter: <http://webpages.charter.net/alaricrh73/sci/Starfleet-Sciences-reports.html>

If you have been bullied by someone in Fleet please contact me or the RC or the CS.

All chapters must be in compliance with Member Handbook 05:04 by Dec 31st. (OTS and OCC) Khane and I have been CO and XO since 1996 (20 years) and have met this several times over. We also have the minimum number of members at 60 vs 10.

Non-Electronic memberships are being eliminated and the new Electronic replacement for a non-electronic one is being extended. You will be able to get an packet as electronic or email.

-Memberships purchased between January 1, 2014 and March 31, 2014: No adjustment

-Memberships purchased between April 1, 2014 and June 30, 3014: Extend 3 months



Meeting Minutes Continued

- Memberships purchased between July 1, 2014 and September 30, 2014: Extend 6 months
- Memberships purchased between October 1, 2014 and December 31, 2014: Extend 9 months
- Memberships purchased between January 1, 2015 and current : Extend 1 year

Election Results

Robert Westfall & Daniel Toole

Round 1: 636.5 votes

Round 2: 659.5 votes

Round 3: 764.5 votes

Round 4: 959 votes (Final Count)

Jonathan Simmons & Robert Vosseller

Round 1: 437.8 votes

Round 2: 444 votes

Round 3: 484.5 votes

Round 4: 579 votes (Final Count)

Reed Livingston Bates & Gregory Franklin

Round 1: 206.3 votes

Round 2: 237

Round 3: 298

Steven Parmley & Stephen Stott

Round 1: 213 votes

Round 2: 231 votes

Robin Woodell-Vitasek & David Anderson

Round 1: 88.3 votes

Method used by voters

Paper: 542

Internet: 1,040

Total: 1,582





Mid America Convention List

December 2016

- 3-4 Davenport, IA Mighty Con
http://geekinccomics.com/event?content_id=24
- 9-11 San Francisco, CA Creation San Francisco
http://www.creationent.com/cal/50yr_sf.htm

- 16-18 Rosemont, IL Con Alt Delete
<https://conaltdelete.com>

January 2017

- 5-9 Little Rock, AK ArkCONsas
<http://www.arkconsas.com/wpmocha/>
- 6-9 Oklahoma City, OK Izumicon
<http://izumicon.com>
- 6-8 Omaha, NE Unconventional Con
<http://www.unconventionalcon.com>
- 6-8 Peoria, IL Anime-ZAP
<http://www.animezapcon.com>
- 13-15 Baltimore, MD AniMore 17
<http://animorecon.com>
- 13-15 Las Vegas, NV Otakon Vegas
<http://otakonvegas.com>
- 27-29 Los Angeles, CA Anime' Los Angeles
<http://www.animelosangeles.org/ala/>

February 2017

- 4 Cedar Rapids, IA Cedar Rapids Comic Con
<https://cedarrapidscomiccon.com>





Convention List Continued

February 2017

- 4 Chicago, IL UChi Con
<http://uchi-con.com>
- 16-19 Wheeling, IL Capricon
<http://capricon.org/capricon37/>
- 17-19 Timonium, MD Farpoint
<http://www.farpointcon.com>
- 17-19 National Harbor, MD Katsucon
<http://www.katsucon.org>
- 24-26 Branson, MO VisionCon 17
<http://www.visioncon.net>
- 24-26 Indianapolis, IN Anime CrossRoads 17
<http://animecrossroads.com>

March 2017

- 3-5 Bloomington, MN Marscon 2017
<https://marscon.org/2017/index.php>
- 10-12 Cleveland, OH Cleveland ConCoction
<http://www.clevelandconcoction.org>
- 10-12 Overland Park, KS Naka-Kon 2017
<https://naka-kon.com>
- 10-12 Lexington, KY Comic and Toy Con
<http://www.lexingtoncomiccon.com>
- 17-19 Clarksville, TN Con-GT (Dr Who)
<http://www.congt.org>
- 18-19 Santa Clara, CA AOD
<http://www.aodsf.org>





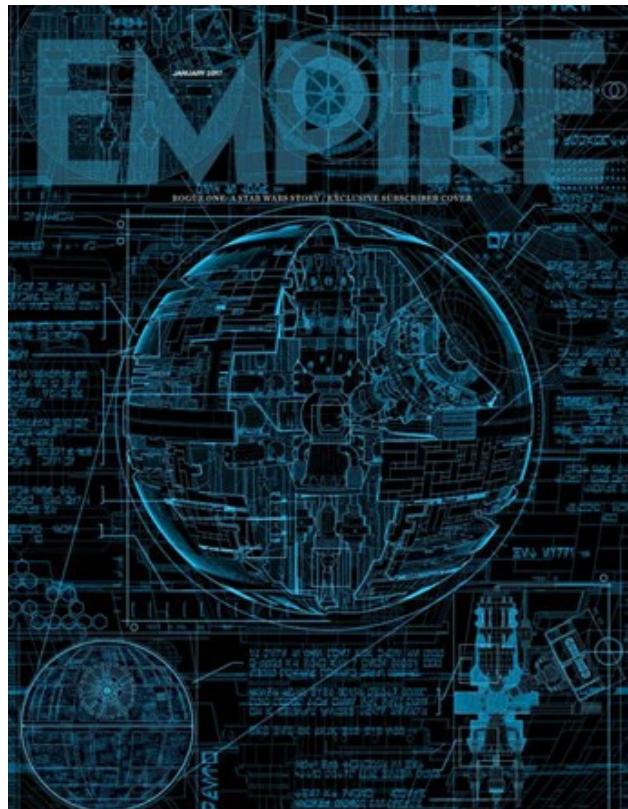
Convention List Continued

March 2017

- | | | |
|--------|-------------------|---|
| .24-26 | Cincinnati, OH | Animatic |
| | | http://www.animaticcon.com |
| 24-26 | Baltimore, MD | Re-Generation (Dr Who) |
| | | https://regenerationwho.com |
| 25-26 | Rosemont, IL | Heroes and Villains |
| | | http://heroesfanfest.com/chicago/ |
| 25 | Bowling Green, OH | Animarathon |
| | | http://animarathon.com |
| 31-2 | Anaheim, CA | WonderCon 2017 |
| | | http://www.comic-con.org/wca |

April 2017

- 6-9 Pittsburgh, PA Tekko
<http://www.teamtekko.us>



ON THE HORIZON DECEMBER 2016